

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
30 March 2006 (30.03.2006)

PCT

(10) International Publication Number  
**WO 2006/033004 A1**

(51) International Patent Classification:  
C07D 215/12 (2006.01) A61P 9/10 (2006.01)  
A61K 31/47 (2006.01)

(74) Agents: FULLER, Grover, F. et al; c/o RUDDOCK,  
Keith, S., Pfizer Research and Development, Ramsgate  
Road, Sandwich, Kent CT13 9NJ (GB).

(21) International Application Number:  
PCT/IB2005/002890

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,  
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,  
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,  
VN, YU, ZA, ZM, ZW

(22) International Filing Date:  
12 September 2005 (12.09.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/612,863 23 September 2004 (23.09.2004) US

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,  
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): PFIZER  
PRODUCTS INC. [US/US]; Eastern Point Road, Groton,  
CT 06340 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DIDIUK, Mary,  
Theresa [US/US]; Pfizer Global Research and Devel-  
opment, Eastern Point Road, Groton, CT 06340 (US).  
KELLEY, Ryan, Michael [US/US]; Pfizer Global Re-  
search and Development, Eastern Point Road, Groton, CT  
06340 (US). PERRY, David, Austen [GB/US]; Pfizer  
Global Research and Development, Eastern Point Road,  
Groton, CT 06340 (US). RUGGERI, Roger, Benjamin  
[US/US]; Pfizer Global Research and Development,  
Eastern Point Road, Groton, CT 06340 (US).

**Published:**

- with international search report
- before the expiration of the time limit for amending the  
claims and to be republished in the event of receipt of  
amendments

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

WO 2006/033004 A1

(54) Title: QUINOLINE COMPOUNDS AS CETP INHIBITORS

(57) **Abstract:** Quinoline compounds, pharmaceutical compositions containing such compounds and the use of such compounds to  
elevate certain plasma lipid levels, including high density lipoprotein-cholesterol and to lower certain other plasma lipid levels, such  
as LDL-cholesterol and triglycerides and accordingly to treat diseases which are exacerbated by low levels of HDL cholesterol and/or  
high levels of LDLcholesterol and triglycerides, such as atherosclerosis and cardiovascular diseases in some mammals, including  
humans.